

Appl. No. 09/944,615
Amdt. Dated: November 10, 2004
Reply to Final Office Action of August 10, 2004

Docket No. P1033071-U-Burgan
Customer No.: 24273

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) A messaging system for message redundancy reduction, comprising:
a messaging terminal adapted to:
receive a message comprising one or more message components to be displayed from a sending messaging device, wherein the message includes an identity of a receiving messaging device,
access one or more codes representing at least one of the message components to be displayed, wherein the one or more codes are associated with at least a portion of a previous message received by the receiving messaging device,
generate a reduced messaging signal for the received message by using the one or more codes, and
send the reduced messaging signal to the receiving messaging device; and
the receiving messaging device adapted to:
respond to the reduced messaging signal by displaying the message with the message components represented by the codes received in the reduced messaging signal.
2. (currently amended) The messaging system as recited in claim 1 wherein the message component to be displayed is a signature of the sending messaging device.
3. (currently amended) The messaging system as recited in claim 1 wherein the message component to be displayed is a greeting of the sending messaging device.
4. (currently amended) The messaging system as recited in claim 1 wherein the message component to be displayed is an original message segment.

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5. (previously presented) The messaging system as recited in claim 1 wherein the receiving messaging device comprises:

a memory for storing the message components and the associated codes;

a microprocessor coupled to the memory for retrieving the stored message components;

and

a display coupled to the microprocessor for displaying the message including the message components in response from a command from the microprocessor.

6. (currently amended) The messaging system of claim 5 further comprising:

a transceiver, coupled to the microprocessor and responsive to commands from the microprocessor, for transmitting a request message to the messaging terminal requesting refreshment of the memory of the receiving messaging device when one or more of the message components to be displayed and associated codes is not contained in the memory.

7. (previously presented) The messaging system of claim 1 wherein the reduced signal sent from the messaging terminal includes a message identifier, and further wherein the receiving messaging device responds to the message identifier by adding an original message segment to the message display.

8. (currently amended) A messaging system for message redundancy reduction, comprising:

a sending messaging device, wherein the sending messaging device transmits a signature message comprising:

a header including a preamble having a sending device identification,

a messaging terminal address for identifying a messaging terminal to which the signature message is intended for, and

a signature to be displayed; and

the messaging terminal, wherein the messaging terminal comprises:

a terminal transceiver for receiving the signature message from the sending messaging device,

a terminal memory for storing the signature to be displayed and associated sending device identification in response to receiving the signature message.

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9. (currently amended) The messaging system for message redundancy reduction as recited in Claim 8 further comprising:

a receiving messaging device,

wherein the sending messaging device sends a redundancy reduced signal to the messaging terminal, wherein the redundancy reduced signal comprises:

a preamble including the sending device identification,

one or more status bits for indicating redundancy reduction,

a receiving messaging device address, and

a message data,

and further wherein the messaging terminal in response to receiving the redundancy reduced signal retrieves the signature to be displayed from memory using the sending device identification and appends the signature to be displayed to the message data, and further wherein the messaging terminal transmits the message data including the signature to be displayed to the receiving messaging device.

10. (currently amended) The messaging system for message redundancy reduction as recited in Claim 8 further comprising:

a receiving messaging device having a memory and a display,

wherein the sending messaging device sends a redundancy reduced signal to the receiving messaging device, wherein the redundancy reduced signal comprises:

a preamble including the sending device identification,

one or more status bits for indicating redundancy reduction,

a receiving messaging device address, and

a message data,

and further wherein the receiving messaging device in response to receiving the redundancy reduced signal retrieves the signature to be displayed from the memory using the sending device identification, and further wherein the receiving messaging device displays the message data and the signature to be displayed on the display.

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11. (currently amended) The messaging system for message redundancy reduction as recited in Claim 10 wherein the status bits of the redundancy reduced signal further includes a status bit indicating the addition of a greeting, and further wherein the receiving messaging device in response to receiving the redundancy reduced signal retrieves the greeting from the memory, and further wherein the receiving messaging device displays the greeting along with the message data and the signature to be displayed on the display.

12. (currently amended) The messaging system for message redundancy reduction as recited in Claim 10 wherein the status bits of the redundancy reduced signal further includes a status bit indicating the addition of an original message segment, and further wherein the receiving messaging device in response to receiving the redundancy reduced signal retrieves the original message segment from the memory, and further wherein the receiving messaging device displays the original message segment along with the message data and the signature to be displayed on the display.

13. (currently amended) The messaging system as recited in claim 1, wherein the two way messaging terminal is further adapted to:

receive a second message from a sending messaging device, wherein the second message comprises one or more codes representative of one or more message components to be displayed,

access one or more message information represented by the one or more codes, wherein the message information is associated with the sending messaging device,

generate a non-reduced messaging signal using the message information, and

send the non-reduced messaging signal to the receiving messaging device.

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14. (currently amended) A messaging device for receiving reduced redundancy messages, the messaging device comprising:

a memory for storing one or more ~~signatures and associated sending device~~ identifications and associated sending device signatures to be displayed;

a transceiver adapted to:

notify a messaging terminal of the stored one or more sending device identifications, and

receive a message from the messaging terminal including the sending device identification;

a microprocessor coupled between the memory and the transceiver for appending the associated sending device signature to be displayed to the received message; and

a display coupled to the microprocessor for displaying the received message and the associated sending device signature to be displayed.